

# The Gazette of India



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### PART III—SECTION 2

#### Notification and Notices Issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 16th February 1963.

##### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 29th December 1962—

In page 464, Column 1, under the heading "Patents Sealed"—

delete Nos. "74643. 74644."

(2)

In the Gazette of India, Part III, Sec. 2 dated the 17th March 1962.

In page 95, column 2 under the heading 'Name Index of Applicants for Patents for the month of February, 1962 (Nos. 80523 to 81018)'

for Sperry Rand Corporation—80999.

read Sperry Rand Corporation—80999.

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

28th January 1963

86208. V. P. Jalihal. Ground nut seeds cracker.

86209. S. A. H. Dujlani. An improved medicine for controlling diabetes.

86210. M. M. Nanavati. Improvements in or relating to storage batteries, in particular to floats used therein.

86211. Dr. A. T. Wagle and Asha Trivikram Wagle. Improvements in or relating to safety razor blade sharpening device.

86212. S. Kumar and Y. Sankaranarayanan. Process for the preparation of an improved shellac varnish.

86213. Shell Internationale Research Maatschappij N. V. Block copolymers, compositions containing them, and process of preparing these block copolymers.

86214. Dunlop Rubber Company Limited. Improvements relating to rubber-containing composite products. (1st February 1962).

86215. International Business Machines Corporation. Improvements in and relating to continuous process and apparatus for forming a magnetic layer onto a surface of a non-conducting web.

86216. Rohm & Haas Company. Copolymers.
86217. Rohm & Haas Company. Treatment of monomers.
- 86218 Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon. Improvements in and relating to compressed air brakes for vehicles.
86219. Olin Mathieson Chemical Corporation. Chemical compositions.
86220. Sealed Power Corporation. Piston and fire ring construction.
86221. W. C. Heraeus Gesellschaft mit beschränkter Haftung. Process for the production of a compound metal. (13th December 1962).
86222. Societe Anonyme des Anciens Etablissements Albatre. Equipment specially adapted for actuating consolidating or compacting rollers or like devices operating on sloping ground surfaces. (15th February 1962).
86223. K. M. Groetschel. Improvements relating to roof supports for mine workings. (29th January 1962).
86224. Standard Telephones and Cables Limited. Telephone systems.
86225. Standard Telephones and Cables Limited. Improvements in or relating to phase meters. (15th February 1962).
86226. Normalair Limited. Improvements in or relating to breathing apparatus. [Divisional date 26th August 1961].
86227. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basically substituted diphenyl-methyl ethers and process for preparing them.
86228. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. A process for preparing inorganic derivatives of basic polycondensates and in organic derivatives thus obtained.
86229. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for improving the tintorial characteristics of fibres prepared from mixes of synthetic polymers and articles thus obtained.
86230. Hercules Powder Company. Improvements in or relating to cross-linking polymers.
86231. R. D. Shroff. Improvements in or relating to a method for exterminating insect pests and a device therefor.

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86232. C. I. S. Rao. Super extractor.  
 86233. C. I. S. Rao. Super soxhlet.  
 86234. Bhutoria Engineering Works Ltd. Improvements in relating to valves.  
 86235. Prince-Smith & Stells Limited. Improvements in apparatus for detecting and correcting irregularities of thickness of a textile sliver. (29th January 1962).  
 86236. T. Sendzimir. Clam shell cold rolling mill.  
 86237. Westinghouse Electric Corporation. Improvements in or relating to terminal connector.  
 86238. "Shell" Research Limited. Distillate hydrocarbon oil composition. (31st January 1962).  
 86239. Pneumatiques, Caoutchouc Manufacture Et Plastiques Kleber Colombes. Method and apparatus for the manufacture of cellular material.  
 86240. Tube Products Limited. Electric transformer. (2nd February 1962).  
 86241. American Flange & Manufacturing Co. Inc. Capsseals for container closures.  
 86242. United States Steel Corporation. Matte tin plate.  
 86243. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of thermoplastic sheet material. (31st January 1962).  
 86244. Imperial Chemical Industries Limited. Fungicides. (5th February 1962).  
 86245. Imperial Chemical Industries Limited. Building units. (6th February 1962).  
 86246. Imperial Chemical Industries Limited. New azo dyestuffs. (7th February 1962).  
 86247. Pittsburgh Plate Glass Company. Annealing of glass.  
 86248. The Norwich Pharmacal Company. Improvements in or relating to derivatives of nitrofuran.  
 86249. Abbott Laboratories. Improvements in steroid lactones. [Divisional date 19th May 1961].  
 86250. Abbott Laboratories. Improvements in steroid lactones. [Divisional date 19th May 1961].  
 86251. Ciba Limited. Preparations containing the new N-(2-chloreethyl)-N'-(5-nitro-thiazolyl-2)-urea or a salt thereof. [Divisional date 21st November 1961].  
 86252. Merck & Co., Inc. Concentration and purification of viral inhibiting substance.  
 86253. Decring Milliken Research Corporation. Fiber handling arrangement.  
 86254. Mission Manufacturing Company. Improvements in or relating to percussion drilling apparatus. [Divisional date 11th September 1961].  
 86255. Mission Manufacturing Company. Improvements in or relating to percussion drilling apparatus. [Divisional date 11th September 1961].  
 86256. Standard Telephones and Cables Limited. Relay pulse correction circuit.  
 86257. Standard Telephones and Cables Limited. Control of remote telephone and like equipments.  
 86258. Thoma Company. Process and device for the emptying of filter boxes in cleaning apparatus for textile machines.  
 86259. Ciba Limited. Process for the preparation of new sulphonamides.  
 86260. Phillips Petroleum Company. Improvements in or relating to bottle crates. (11th April 1962).  
 86261. Asahi Kasei Koguyo Katsushiki Kaisha. A method for producing acrylic synthetic fibers having excellent physical properties.  
 86262. In-Crate Bottling Co. Proprietary Limited. Method and apparatus for washing bottles or the like.  
 86263. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners.  
 86264. Ceskoslovenski Akademie Ved. Method of preparing 2', 3'-di-o-acetyl derivatives of 6-azauridine.  
 86265. L. & C. Steinmuller G.m.b.H. Round burner for boiler furnaces.  
 86266. E. Merck Aktiengesellschaft. Water-soluble tetracyclin derivatives and process for their manufacture.  
 86267. Sicedison S.p.A. A process for obtaining alpha-chloro-oximes and sulphates thereof.

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86268. M. S. Kulkarni. Pak-sevak(zara).  
 86269. B. A. Amre. Improved switch arrangements in printed circuits.  
 86270. Bombay Toys. Improvements in or relating to pocket blade sharpeners and the like.  
 86271. A. K. Khandelwal. Improvements in or relating to bedsteads and the like.  
 86272. H. Nussli. Coupler for tubular scaffolding.  
 86273. K. E. A. Joelson. Hydraulically driven tool.  
 86274. Paresh Nath Sarkar and Haripada Dey. Improvement in washing machine.  
 86275. Fisons Fertilizers Limited. Fertilizer manufacture. (8th February 1962).  
 86276. Fisons Fertilizers Limited. Fertilizer manufacture. (8th February 1962).  
 86277. Dunlop Rubber Company Limited. Improvements in or relating to fluid beds and to the heating or cooling of articles thereby. (8th February 1962).  
 86278. Dunlop Rubber Company Limited. Improvements in or relating to the manufacture of articles from curable material. (8th February 1962).  
 86279. Dunlop Rubber Company Limited. Improvements in or relating to tyre building machinery. (9th February 1962).  
 86280. Minnesota Mining and Manufacturing Company. capsule containing sheet materials.  
 86281. Minnesota Mining and Manufacturing Company. Record material.  
 86282. Minnesota Mining and Manufacturing Company. Chemically and physically unified sheet materials.  
 86283. Sperry Rand Corporation. Code conversion device.  
 86284. Sperry Rand Corporation. Constant energy pulse generator.  
 86285. Abbott Laboratories. Improvements in sulfonation process.  
 86286. C. G. Munters. Improvements in or relating to method of manufacture of packings or bodies for transfer of moisture and/or heat.  
 86287. Phillips Petroleum Company. Improvements in or relating to bottle crates. (1st February 1962).  
 86288. Ciba Limited. Manufacture of basic ethers.  
 86289. Ciba Limited. Process for the manufacture of 19-nor-steroids from 19-hydroxy-steroids.  
 86290. R. P. Heuer. Improvements relating to refractory materials.  
 86291. H. J. Krause. Process and apparatus for the production of building bricks and aggregates.  
 86292. Pneuways Development Company (Private) Limited. Improvements relating to railed transport means or systems.  
 86293. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of improved condensation products from naphthalene sulphonic acids and aldehydes.

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86294. Swadeshi Krishi Yantra Udyog. Agricultural implements. (i) Swadeshi jhuri cultivator, (ii) swadeshi amar dibler.  
 86295. The Plessey Company Limited. Improvements in or relating to actuators. (2nd February 1962).  
 86296. Welcker Corporation. Food processing.  
 86297. Kent & Wells Limited. Improvements relating to thermostats.  
 86298. Dunlop Rubber Company Limited. Improvements relating to tyres. (14th February 1962).  
 86299. Sherritt Gordon Mines Limited. Process for the treatment of copper-zinc containing mineral sulphides. (16th February 1962).  
 86300. International Business Machines Corporation. Transfer medium and method for making same.  
 86301. Cavitron Ultrasonics Inc. Printing methods and apparatus. (15th February 1962).  
 86302. Sealed Power Corporation. Improvements in piston rings.

86303. H. C. Burns Company, Inc. Composition and method for treatment and control of white muscle disease.
86304. Imperial Chemical Industries Limited. Stabilisation of polyvinyl chloride. (13th February 1962).
86305. Olin Mathieson Chemical Corporation. Synthesis of steroids.
86306. Heberlein & Co. A. G. Improvements in or relating to the treatment of cellulosic material.
86307. E. I. du Pont de Nemours and Company. Product and process.
86308. W. Schelkmann. Casing having an air-tight closure and adapted to cover tyres under repair during vulcanisation.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

76417. Shri Ram Institute for Industrial Research. Improvements in or relating to the heat treatment or drying of textiles, paper, fibrous or sheet material. Accepted on 28th January 1963.

*Material contacted with upward moving hot solid particles is passed through central plane of a narrow chamber.*

76418. Shri Ram Institute for Industrial Research. Improvements in or relating to the heat treatment or drying of textiles paper, fibrous or sheet material. Accepted on 28th January 1963.

*Consists in passing the material through a counter-current solid-gas flow system.*

76474. S. L. Solomonovich and S. G. Ivanovich. A method of manufacture of electric thermoelements. Accepted on 28th January 1963.

*Characterized in that, in order to lower the electrical contact resistance between half elements, the latter are soldered with a bismuth-tin alloy solder, using stearin as the flux, wherein the ratio of bismuth in the bismuth-tin alloy solder is above the eutectic ratio.*

77539. Toho Rayon Kabushiki Kaisha. Method for the photopolymerization of acrylonitrile in aqueous zinc chloride solution. Accepted on 29th January 1963.

*Comprises in polymerising an aqueous solution containing at least 55% zinc chloride at a temperature below 40° under radiation having wave length of about 3650 Å.*

7798. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Polymers having a high regular structure from unsaturated esters and acids having double conjugated bonds. Accepted on 28th January 1963.

*Esters containing at least two double unsaturated conjugated bonds are polymerised at +100 to—120°C in the presence of a catalyst comprising a compound of a metal of the first group of Periodic Table.*

77846. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Stereospecific polymerisation of vinyl ethers. Accepted on 28th January 1963.

*Carrying out polymerisation in presence of cationic catalysts consisting of solid solutions of a trichloride of a transition metal of group IV or V with AlCl<sub>3</sub>.*

77904. Olin Mathieson Chemical Corporation. Process for preparing vitamin B<sub>1</sub>. Accepted on 29th January 1963.

*Culturing micro organism in cobalt containing nutrient medium deficient in cyanide ions, extracting LLD active components, by absorption on cation exchanger, eluting there and treating with source of cyanide ions and light.*

77911. Neilsons (Ice Cream & Frozen Foods) Limited. Improvements in the production and dispensation of soft ice cream. Accepted on 28th January 1963.

*Includes dispensing apparatus in the form of closed pressure vessel having a dispensing valve or shut-off cock and fluid supplying means.*

77912. Sandoz Ltd. Improvements in or relating to furan derivatives. (2nd August 1960). Accepted on 28th January 1963.

*A 5-nitro-2-furaldehyde is condensed with a dihydric alcohol.*

77915. Didier-Werke A.G. Brick body for the erection of masonry consisting of refractory basic bricks. Accepted on 31st January 1963.

*Characterised in that in the brick body a chrome magnesite brick and a magnesite brick refractory are arranged side by side with contact joint running vertically to the furnace chamber.*

77955. Didier-Werke A.G. Process for the manufacture of refractory porous heat-insulating bricks and materials. Accepted on 31st January 1963.

*Bricks and materials having a porosity of 50 per cent or more not only in the burnt but also in the unburnt condition being produced from highly refractory starting materials and porous, mineral additives.*

77976. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to object holders for a plurality of objects in mass production. (27th September 1960). Accepted on 31st January 1963.

*Comprising a plurality of first apertures extending from the holder, perpendicularly to the longitudinal direction of the holder; second apertures extending from other surfaces of the body for electrical contact.*

78049. Continental Oil Company. Purification of alcohols. Accepted on 29th January 1963.

*Comprises reacting the alcohol residue containing the impurities with an aluminium-alkoxide or aluminium alkyl, whereby alkanols are converted to non-volatile aluminium alkoxides separating the said impurities by volatilization and regenerating alkanols from the said non-volatile alkoxides.*

78066. N. V. Philips' Gloeilampenfabrieken. Improved methods of producing esterified aminoalcohols. Accepted on 31st January 1963.

*Reacting in a solvent at 20-200°C an aromatic secondary amine with an ornegaodo substituted benzoic ester.*

78071. Dunlop Rubber Company Limited. Apparatus and method for moulding articles of thermoplastic material. Accepted on 29th January 1963.

*Including a pair of die members one carrying moulding dies means for moving the dies to closed position, a companion cavity-closing die on the other die member, means for moving the die members together on a piece of moulding material, means for separating cavity closing die member and moulding dies and means for separating the moulding dies to permit escape of moulded article.*

78087. International Mac Gregor Organization (I.M.G.O.). Improvements in or relating to seals and method of securing same. Accepted on 29th January 1963.

*Characterised in that it is provided with separate fastening elements adapted to be secured to said recess or support and connected through flexible and deformable means with the seal body.*

78194. The Black-Clawson Company. A rotary valve. Accepted on 29th June 1963.  
*Comprising a body having a cylindrical cavity with inlet and outlet opening and a rotor with a bucket portion, for rotation in the cavity, the axis of rotation being offset with respect to the centre line of the cavity.*
78205. Titan Eisenwarenfabrik of Ges.m.b.H. Band for hooping round the packing pieces. Accepted on 29th January 1963.  
*Wherein at least one of the incisions of each coupling means is widened so that they can be easily coupled together.*
78208. B. P. Taranov. A steam turbine with an automatic pass-out or controlled steam feed. Accepted on 31st January 1963.  
*The pass-out or intake operation consists of several outlets, switching of pass-out from one outlet to another being effected under regulated pressure in any of them by means of a control device following the pass-out turbine portion.*
78226. Kopat-Gesellschaft Fur Konstruktion, Entwicklung Und Patentverwertung MBH. & Co. KG. Power transmission device, in particular for agricultural tractors. Accepted on 29th January 1963.  
*Characterized in that the intermediate shaft used for driving the power take off from the engine passes concentrically through the hydrostatic torque converter.*
78231. Voith-Getriebe K.G. A coreless turbo coupling. Accepted on 1st February 1963.  
*Wherein the accumulator chamber is being separated from the part of the working chamber located in the impeller by partition and is in communication with the working chamber.*
78242. Phillips Petroleum Company. Improvements in or relating to the production of butadiene polymers. Accepted on 28th January 1963.  
*Comprises polymerizing 1,3-butadiene in the presence of a catalyst and titanium tetraiodide.*
78264. General Mills, Inc. Process of milling beans. Accepted on 1st February 1963.  
*Subjecting beans to heat and moisture to loosen the hull and stabilize the endosperm and subjecting the beans to controlled impact to break off.*
78312. Dr. Karl Thomae GmbH. Process for the preparation of substituted derivatives of 7-sulphamyl-3,4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxides and compositions containing the same. (8th February 1961). Accepted on 31st January 1963.  
*Reacting a 4-amino-1, 3-di sulphonamido benzene with a bicyclic aldehyde.*
78347. Fibremetal, Inc. A method of preparing a relatively thin layer of polyurethane foam upon a surface of a body. Accepted on 29th January 1963.  
*Comprises mixing polyurethane forming poly-functional resin and a polyisocyanate, applying it to a surface and applying moisture to said mixture.*
78349. K. F. Still. Process for the recovery of phenols from impure aqueous solutions. (6th July 1961). Accepted on 29th January 1963.  
*Mixing aqueous phenol containing solution with a solvent and extracting phenol with the solvent wherein the solvent is a branched chain aliphatic higher alcohol containing at most 20 carbon atoms or a mixture of such alcohol with an ester.*
78418. Council of Scientific and Industrial Research. Preparation of barium sodium chromate and barium potassium chromate. Accepted on 29th January 1963.  
*Reacting barium chloride in aqueous solution with equimolar proportion of sodium dichromate or potassium dichromate.*
78425. Western Electric Company, Incorporated. Electrical connectors. (7th April 1961). Accepted on 1st February 1963.  
*Comprises an uninsulated wire in the form of helical spring such that when an insulated conductor is forced between adjacent turns of the spring the insulation is ruptured and electrical connection is thus established.*
78428. Societa Farmaceutici Italia. Process for the preparation of new benzylamine derivatives. Accepted on 1st February 1963.  
*Reacting the chloride or anhydride of nicotinic or isonicotinic acid with a benzylamine or dibenzylamine derivative.*
78443. G. D. Gokhale. Improvements in or relating to hand sprayer. Accepted on 29th January 1963.  
*Comprising a first cylinder and a piston, an air escaping mechanism attached to said cylinder and a second cylinder provided with a nozzle and an adapter to be fitted to a container.*
78486. Antargaz Societe Anonyme De Distribution De Gaz Liquids De Petrole. Improvements in radiant gas burners or heaters. Accepted on 29th January 1963.  
*Foraminous plates of heat-insulating refractory material with inlet and outlet passages having flow-relieving outlet portions for the delivery of combustible gas mixture through the plates.*
78523. International Mac Gregor Organisation (I.M.G.O.). Improvements in or relating to covers for closing open spaces such as shipholds, railway cars and the like. Accepted on 29th January 1963.  
*Consist of assemblies constituting hollow box-section structures open at their lower face, each said section consisting essentially of at least one longitudinal beam of sturdy construction extending in the direction of greatest dimension.*
78534. Hamilton Walker Rotary Engines Limited. Improvements in rotary internal combustion engines. (20th September 1960). Accepted on 29th January 1963.  
*A number of heads pivoted in the stator and each of an arch shape with their ends engaging the periphery of the rotor to provide a combustion chamber and an inlet and an exhaust connectable with each combustion chamber.*
78578. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Working-up mixtures containing the dimethylester of isophthalic acid. Accepted on 29th January 1963.  
*Mixture of p-and m-xylene is oxidised at 130 to 200°C in the presence of catalysts and the oxidation mixture is esterified with methanol and thereafter dimethylester of isophthalic acid is separated.*
78592. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to energy amplifiers for single-sideband signals. Accepted on 28th January 1963.  
*A current-conveying electrode circuit of the amplifier is provided with a corrector circuit provided with a selective circuit for the selection of second order distortion products and a network shifting the phase of these products.*
78689. "Shell" Research Limited. Process for the preparation of oil-soluble linear cyclic phosphorous-containing polymeric compounds, compounds so produced and lubricating oil composition containing the same. [Addition to No. 74966]. Accepted on 29th January 1963.  
*(Co)Polymerising optionally in the presence of an azo or oxygen yielding catalyst at 50-175°C using chloroorganic solvent a dialkenyl phosphorus containing compound with a monoolefinically unsaturated compound containing no phosphorous.*

78733. Continental Oil Company. Hydrolysis of aluminium alkoxides. Accepted on 28th January 1963.  
*Comprises contacting alkoxides with a hydrolysing agent with agitation in counter-current flow in a series of contacting zones.*
78762. Continuous Casting Company Limited. Improvements relating to a method of forming metal castings in a vertical continuous casting plant and a vertical continuous casting plant used therefor. (6th October 1960). Accepted on 1st February 1963.  
*Consists of restricting the descent of a severed section of a casting after it reaches a predetermined speed.*
78778. Council of Scientific and Industrial Research. A method of making chocolate coloured bricks from alluvial soils. Accepted on 29th January 1963.  
*Consists in adding manganese ore to alluvial soils and making bricks.*
78787. Hewitt-Robins International, S.A. Improvements in or relating to idler rollers. (7th October 1960). Accepted on 29th January 1963.  
*Comprising a central shaft about which the roller rotates and a resilient collar detachably secured on the central shaft outside the roller, the collar being adapted lightly to contact the outside end of the roller in sealing relationship.*
78844. F. Reiterer, L. Windsich and J. Nifenecker. Apparatus for detaching a web of fibres from a hollow web-carrying rotary cylinder in a fibre processing machine. Accepted on 31st January 1963.  
*Comprises at least one primary and secondary detaching rollers hollow and performed to permit airblast to carry dust and short fibres away from the web.*
78849. B. N. V. Pergling, and A. G. E. Robielle. Treatment of mixed oxidic ores containing iron. (13th October 1960). Accepted on 28th January 1963.  
*In which the mixed ores are first reduced in solid at a temperature low enough so that only the iron ore or a substantial portion thereof is affected and material from this reduction is dissolved in a molten bath of iron.*
78871. K. Haussermann and H. Haussermann. Clutches, especially for motor vehicles. Accepted on 31st January 1963.  
*Axially extending bell-shaped flange surrounding the friction and outer discs, the pressure plate with its flange and counter disc resting on flange and two driven plates with friction facings being connected to opposite sides of the hub flange.*
78962. The General Electric Company Limited. Improvements in or relating to apparatus for converting solar energy into electric energy. (24th October 1960). Accepted on 31st January 1963.  
*Comprising devices arranged to convert solar energy into electrical energy and connected in circuit with one another, at least some of the devices being disposed generally in a plane to form a plurality of rows each containing a plurality of devices wherein each of the devices is mounted inclined to said plane.*
78964. La Telemecanique Electrique. Contactor assembly having a rocking electromagnetic structure. Accepted on 1st February 1963.  
*The core of the coil being threaded over one of the legs of the electromagnet core and suspended around said leg by a U-shaped resilient strip encompassing said core leg and the two legs of the U-shaped strip being bent V-wise inwards towards each other.*
78979. Textura A. G. Apparatus and method for crimping of natural and synthetic fibres, filaments, yarns, tows, slivers and rovings, and to products thereof. Accepted on 31st January 1963.  
*Including in combination of operable pressure exerting rotary means, guide means for said yarns, divider means common collecting means.*
79001. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semiconductor arrangements, in particular transistors. Accepted on 29th January 1963.  
*Semi-conductor body is enveloped with layer of the same material while from the surface of the body substances are diffused which produce recombination centers.*
79022. M. G. D. San. Improvements in or relating to apparatus for feeding tea and like leaves to processing machines. Accepted on 1st February 1963.  
*Comprising a rotatably mounted feed cylinder having a perforated peripheral wall with means to produce suction therein and a member serving to guide tea leaves towards the periphery of the cylinder.*
79054. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the liquid-phase oxidation of olefins. Accepted on 31st January 1963.  
*Wherein oxygen is brought into contact with a solution of the olefin in a solvent in the absence of water.*
79070. Ledoga S.p.A. Rapid tanning process for sole leather using poly-glucosylolbisulphites. Accepted on 28th January 1963.  
*Treating the hides for 12-24 hours at a pH over 5, with 1-20 per cent by weight of a poly-glucosylo-lolbisulphite in water, then tanning the hides thus treated with a concentrated solution of vegetable tanning agent.*
79184. Monsanto Chemical Company. Apparatus for processing cold-drawable textile filaments. Accepted on 31st January 1963.  
*Comprising a frame, a pair of members rotatably mounted on the frame and adapted to engage and crimp the heated yarn and a nozzle mounted on the frame.*
79188. General American Transportation Corporation. An apparatus for storing granular material. Accepted on 31st January 1963.  
*Wherein suction conduits are provided in each of the hopper whereby hoppers may be selectively unloaded.*
79270. AMP Incorporated. Magnetic core logic circuits. Accepted on 28th January 1963.  
*In which each of a series of inlet magnetic cores is coupled to a common outlet magnetic core.*
79271. Standard Telephones and Cables Limited. Improvements in or relating to modulators and to their use in direction finding systems. (8th December 1960). Accepted on 31st January 1963.  
*Comprising a four arm bridge network, each arm of which includes a variable capacitor, a source of energy to be modulated connected across one pair of diagonally opposed junction points, means for sinusoidally varying the capacitance of the said capacitors and connections from other said junction points to means for combining the energy.*
79315. Muschamp Textile Machinery (Sales) Limited. Improvements in or relating to automatic pirn winding machines. (15th November 1960). Accepted on 1st February 1963.  
*Characterised by disengaging means actuated by the carriage on reaching a predetermined position of advancement.*
79332. Imperial Chemical Industries Limited. Method for the production of polyolefine films having improved surface properties. (18th November 1960). Accepted on 1st February 1963.  
*Subjecting the film to a high voltage electric stress accompanied by corona discharge in the presence of chlorine and SO<sub>2</sub>.*
79440. Infilco Incorporated. Surface acrator. Accepted on 28th January 1963.  
*Combined effects caused by a mechanically produced hydraulic jump and direct entrainment of gases from the atmosphere.*

79545. Stamicarbon N. V. Apparatus for determining the reflection coefficient of a substance. Accepted on 28th January 1963.
- Comprising means for exposing predetermined areas of such material and of a standard, to a source of radiation, at least the exposure area for material being elongated shape, means for moving material to be tested.*
79735. Maschinenfabrik Augsburg-Nurnberg A. G. Improvements in and relating to a regulating device for the controlled partial readmission of exhaust gases into the induction system of a diesel engine. Accepted on 31st January 1963.
- The volume of exhaust gas to be returned into the induction system of a diesel engine being controlled by reference to the temperature of the mixture of fresh air and readmitted exhaust gas.*
79744. Accumulatoren-Fabrik Aktiengesellschaft. Active mass for the electrodes of electric accumulators. Accepted on 28th January 1963.
- The mass consists of thermally unstable lead oxide hydrate and/or lead oxide hydroxide, and/or lead hydroxide, which has been subjected to hydrothermal treatment and has firmly inter-linked structure.*
79753. W. Waldherr. Container with closure cap. Accepted on 31st January 1963.
- Hollow stopper capable of being pressed for the closing of the filling opening in the part connected with it.*
79756. Flight Refuelling Limited. Improvements in or relating to pressure responsive flow control valves. (17th July 1961). Accepted on 28th January 1963.
- A valve body with a flow controlling member movable in it, a pressure-responsive member coupled in the flow-controlling member and means for admitting liquid for the flow passage in the valve body and a gas reservoir acting to urge said pressure responsive member.*
79800. Diamond Power Specialty Corporation. Improved soot blower construction. Accepted on 31st January 1963.
- Comprises of concentric outer and inner tube walls with supporting elements in between and slidably engaging packing carried by the lance tube surrounding the outer tube wall.*
79863. The Goodyear Tire & Rubber Company. Improvements in web, guide. Accepted on 1st February, 1963.
- Comprises an optical receiving unit having a light source, a collimating lens, a photo-responsive element and a concentrating lens, positioned adjacent the web edge on opposite sides.*
79896. L. Mueller. Improvements in and relating to piles. Accepted on 28th January 1963.
- Concrete inlet pipes are arranged externally along the length of the pile and terminate at the lower end of the pile shaft, one or more packing members are arranged at intervals on the exterior of the pile shaft.*
79914. Stamicarbon N. V. Process for the preparation of  $\omega$ -lactams. Accepted on 29th January 1963.
- Comprises reacting cycloalkanecarboxylic acid with a nitrosyl compound in the presence of an electron-accepting metal halogenide and/or a non-metal halogenide, and/or with a compound which can be formed by the reaction between the nitrosyl compound and halogenides.*
79919. Aktiebolaget Karlstads Mekaniska Werkstad. Method for manufacture of wood pulp. Accepted on 29th January 1963.
- Subjecting wood to vacuum treatment in a closed container, supplying water under pressure to said container, removing the soaked wood from the container and subsequently grinding it.*
- 79933 American Viscose Corporation. Method and apparatus for spinning artificial filaments. Accepted on 29th January 1963.
- Metered stream is divided into a plurality of individual streams, which are directed along independent but intersecting paths whereby portions of different individual streams are blended together and the blended streams are combined into a singal stream.*
- 79966 R. Schulz. Advertising machine with auto-slider. Accepted on 1st February 1963.
- Includes two slides stores (one upper and one lower) and is provided with a set of travelling chains, bands and the like wherein on a predetermined movement of the said chain, one slide from each store is carried by the chain in succession, to be displayed on respective display window. ...*
- 80016 H. F. H. Shields. Improvements in or relating to wire ropes. (29th December 1960). Accepted on 28th January 1963.
- Central wire of circular cross-section surrounding the inner wire and locking element having an arm passing radially between two of the outer wires and hooking over the inner wire.*
80179. F. A. Murphy. Composition for application to rubber trees for stimulating their growth and increasing yield of latex therefrom. Accepted on 31st January 1963.
- Comprising 2:4-dichlorophenoxyacetic acid, potassium permanganate and one or more vegetable oils.*
80269. Fichtel & Sachs A. G. Improvements in or relating to hydropneumatic suspension elements. Accepted on 28th January 1963.
- Comprising a working piston a working cylinder with a pressure fluid filling, a resilient compression chamber subjected to the action of the pressure fluid filling, a pressure fluid reservoir and a pump.*
80994. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. A surface rig for bore hole drilling. Accepted on 1st February 1963.
- A reel winch for winding the tube up and down into and out of the bore hole and means minimising the traction, torsion and squashing forces exerted on the tube.*
81654. British-American Tobacco Company Limited. Improvements relating to testing of cigarette filters. (7th April 1961). Accepted on 28th January 1963.
- Means for passing cigarette smoke through the filter and photometric means for measuring the density.*
61932. Union Carbide Corporation. Leak-resistant dry cell. Accepted on 31st January 1963.
- The portion of the central electrode within the free space between the depolarizer mix and the top closure is surrounded by a seal of a gas and liquid impermeable material.*

#### Opposition Proceedings

(1)

The opposition entered by Heyden Newport Chemical Corporation to the grant of a patent on application No. 60425 made by Fisons Pest Control Limited as notified in Part III, Section 2 of the Gazette of India dated 11th April 1959 has been treated as withdrawn.

(2)

The opposition entered by American Cyanamid Company to the grant of a patent on application No. 72654 made by Chas. Pfizer & Co., Inc., as notified in Part III, Section 2 of the Gazette of India dated the 10th November 1962 has been treated as abandoned.

**Printed Specifications Published**

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

72095. 72174. 72199. 72200. 72457. 72471. 72767. 73245. 73259.  
 73263. 73267. 73278. 73281. 73285. 73302. 73304. 73312. 73313.  
 73335. 73353. 73354. 73356. 73366. 73371. 73376. 73398. 73404.  
 73411. 73417. 73424. 73460. 73491. 73492. 73494. 73556. 73568.  
 73578. 73586. 73594. 73619. 74622. 73656. 73673. 73791. 73852.  
 73870. 73873. 73877. 73888. 73935. 73964. 73995. 74050. 74076.  
 74078. 74118. 74191. 74234. 74235. 74307. 74317. 74394. 74427.  
 74428. 74502. 74556. 74608. 74619. 74658. 74802. 74892. 74981.  
 74982. 75045. 75117. 75123. 75183. 75193. 75357. 75387. 75452.  
 75663. 75979.

**Patents Sealed**

73755. 73917. 73968. 73986. 74384. 74422. 74454. 74477. 74489.  
 74620. 74810. 74900. 74947. 74966. 74987. 74990. 74991. 75005.  
 75016. 75026. 75051. 75171. 75210. 75236. 75257. 75281. 75329.  
 75360. 75366. 75392. 75418. 75458. 75524. 75545. 75563. 75565.  
 75578. 75637. 75718. 75719. 75722. 75869. 75988. 75991. 75993.  
 76118. 76151. 76185. 76239. 76246. 76397. 76448. 76540. 76623.  
 76657. 76664. 76755. 76797. 76799. 76813. 77029. 77113. 77200.  
 77321. 77372. 82233.

**Amendment Proceedings**

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Glaxo Laboratories Limited, now re-named Glaxo Group Limited, a British Company of Greenford, Middlesex, England, Chemical Manufacturers, seek leave to amend the name of the applicants in the application and specification in respect of Patent application No. 76141. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Glaxo Laboratories Limited, a British Company, of Greenford, Middlesex, England, Chemical Manufacturers, seek leave to amend the name of the Applicant in the application and specification in respect of Patent application No. 76229. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Cacutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Glaxo Laboratories Limited, now re-named Glaxo Group Limited, a British Company, of Greenford, Middlesex, England, Chemical Manufacturers, seek leave to amend the name of the applicants in the application specification and drawings in respect of Patent application No. 76439. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**Registration of Assignments, Licences, etc. (Patent)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.—

50477—Halmatic Limited.

57304—President of India.

69602 } Florence Elizabeth Frank.  
69603 }

69918—Dowty Rotol Limited.

**Renewal Fees Paid**

39147. 39373. 39374. 39375. 39376. 39377. 39378. 39379. 39431.  
 39432. 41018. 41040. 41112. 42260. 42685. 42870. 42881. 42892.  
 42921. 43227. 43452. 43935. 44088. 44329. 44607. 44689. 44706.  
 44789. 44835. 46588. 46672. 46716. 46781. 46810. 46835. 46852.  
 46873. 46874. 46964. 48256. 48884. 48890. 48931. 48932. 48953.  
 48954. 48955. 48964. 48974. 48981. 48986. 48993. 49032. 49142.  
 49167. 49274. 49348. 49835. 50107. 50626. 51111. 51143. 51180.  
 51245. 51248. 51373. 51375. 51377. 51531. 51590. 51676. 51741.  
 51976. 52929. 53375. 53376. 53594. 53725. 53734. 53739. 53803.  
 53848. 53879. 53893. 53943. 53963. 54332. 54333. 54355. 54406.  
 54546. 54591. 55083. 55551. 55839. 56329. 56388. 56458. 56512.  
 56626. 56628. 56647. 56687. 56693. 56694. 56708. 56710. 56717.  
 56742. 56838. 56891. 56893. 56906. 56909. 56929. 56948. 56961.  
 57032. 57082. 57467. 58418. 58438. 58794. 58958. 59433. 59541.  
 59542. 59543. 59544. 59559. 59565. 59680. 59686. 59689. 59704.  
 59705. 59754. 59779. 59801. 59824. 59825. 59946. 59971. 60023.  
 60164. 60254. 60298. 60312. 62270. 62423. 62669. 62870. 62984.  
 63012. 63072. 63078. 63085. 63142. 63172. 63202. 63219. 63229.  
 63246. 63270. 63274. 63355. 63358. 63369. 63395. 63400. 63415.  
 63451. 63462. 63463. 63484. 63524. 63548. 63577. 63925. 64149.  
 65118. 65222. 65394. 66315. 66355. 66356. 66399. 66553. 66801.  
 66602. 66623. 66632. 66633. 66634. 66654. 66659. 66701. 66712.  
 66752. 66759. 66857. 66867. 66868. 66885. 66932. 66933. 66934.  
 66952. 67029. 67087. 67104. 67123. 67126. 67127. 67163. 67164.  
 67309. 67312. 67431. 67504. 67582. 67979. 68108. 68139. 68214.  
 68804. 69088. 69529. 70560. 70634. 70724. 70828. 70983. 74814.

**Cessation of Patents**

41540. 45348. 45349. 47452. 49728. 49729. 49734. 52127. 52128.  
 52133. 54698. 54717. 54733. 57581. 57583. 57616. 57632. 60745.  
 64322. 64326. 64329. 64336. 64341. 64342. 64353. 64381. 64382.  
 64391. 64392. 64395. 64398.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 114332. Labh Singh Indian National, Basti Sheikh, Jullundur City, Punjab, "Pressure bar bracket", June 29, 1962.

Class 1. No. 115186. Mercury Engineering Works, an Indian Partnership Firm, 156, Jhaveri Bazaar, 3rd Floor, Room No. 58, Bombay-2, Maharashtra, "A bed-cum-table", September 7, 1962.

Class 1. No. 115569. Union Carbide India Limited, a Company incorporated under the Indian Companies Act, 1 and 3, Brabourne Road, Calcutta, West Bengal, "Flashlights", October 11, 1962.

Class 1. No. 115794. Shimada Glass & Flask Factory (Private) Limited, 182, Broadway, Madras-1, State of Madras, India, an Indian Private Limited Company, "A container", October 24, 1962.

Class 1. No. 115813. Sperry Rand Corporation, a corporation organized under the laws of the State of Delaware, 315, Park Avenue South, New York 10, New York, United States of America, "A card punching machine", October 26, 1962.

Class I. No. 115842. Olympia Werke Aktiengesellschaft, a joint stock company organised under the laws of the Federal Republic of Germany, 294 Wilhelmshaven, Federal Republic of Germany, "A typewriter", September 12, 1962 (United Kingdom).

Class 1. No. 115943. Swaminatha Achary Pandy, 37 Vasantha Nagar, Madurai-3, Madras State, South India, Subject of the Indian Republic, "Coffee and tea carrier", November 12, 1962.

Class 1. No. 116023. Dalip Singh, Indian National, Putlighar Amritsar (Punjab), "Dobbies (textile machinery)", November 19, 1962.

- Class 1. No. 116138. Rattan Chand Chadda, and Dev Dutt Chadda, 37, Industrial Estate Okhla, New Delhi-20, Indian Nationals, "Oil pump", November 24, 1962.
- Class 1. No. 116169. Jayantilal Shamdas, Jhaveri, an Indian Citizen, Baria Building, 345-A, Abdul Rehman Street, Bombay-3, Maharashtra, India, "A spoon", November 28, 1962.
- Class 3. No. 114241. Mehta & Co., (An Indian Partnership firm) Patel Motor Market, Kashmere Gate, Delhi-6, "Caps", June 25, 1962.
- Class 3. No. 115869. Rusi Navroji Maneckji, (An Indian Citizen), Meherzin, Block No. C-31, Woodhouse Road, Colaba, Bombay-5, Maharashtra, India, "Razor comb", November 3, 1962.
- Class 3. No. 115870. Rusi Navroji Maneckji, an Indian Citizen, Meherzin, Block No. C-31, Woodhouse Road, Colaba, Bombay-5, Maharashtra, India, "A drawing attachment", November 3, 1962.
- Class 3. No. 116173. Keki Shapurji Sahuna, Indian National, 18 C, Gilder Lane, City of Bombay, State of Maharashtra, India, "Clip fasteners", November 28, 1962.
- Class 4. No. 115991. Arjun Singh, Prop Ketki Building Material Store, Dream Land, Etawah (U. P.), India, Indian Nationality, "Decorative tablets", November 15, 1962.
- Class 4. No. 116022. Balsara & Company Private Limited, An Indian Private Limited Company Registered under the Indian Companies' Act, 43 Medows Street, Fort, Bombay-1, Maharashtra, India, "A bottle", November 19, 1962.
- Class 4. No. 116134. Balsara & Co. Private Limited (An Indian Private Limited Company Registered under the Indian Companies' Act, 45 Medows Street, Fort, Bombay-1, Maharashtra, India, "A bottle", November 24, 1962.
- Class 5. No. 114309. Naresh Chandra Sarkar, 78/1, Mahatma Gandhi Road, Calcutta-9, West Bengal, Indian subject, "Label", June 28, 1962.
- Class 5. No. 114390. Koodalinga Lakshmanan, 126, Chitrakara Street, Madurai, Madras State, an Indian Citizen, "Labels", July 7, 1962.
- Class 5. No. 116087. Balbir Singh, an Indian subject, 43, Ratn Sarkar Lane, Calcutta-1, West Bengal, "Label", November 23, 1962.
- Class 10. No. 115628. Dr. Sultanali Noor Mohamed Chitoor, (An Indian Citizen), Deepak Mahal, 141, Marine Drive, Bombay-1, Maharashtra, India "A footwear", October 16, 1962.
- Class 13. No. 115451. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, "Vasant Vijay" 470/471, Worli Road, Bombay-18, (Indian), "Textile goods", September 24, 1962.
- Class 13. Nos. 115677 and 115679. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay 13, "Cotton piecegoods", October 20, 1962.
- Class 13. Nos. 115803 and 115804. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay, "Cotton piecegoods", October 26, 1962.
- Class 13. Nos. 115986 to 115989. Shree Ram Mills Limited, Fergusson Roard, Parel, Bombay 13, M.S. India, a Company incorporated in India, "Textile piece goods", November 14, 1962.
- Class 13. Nos. 116088 to 116093 and 116095. The Phoenix Mills Limited, an Indian Company, State Bank Building, Bank Street, Fort, Bombay, Maharashtra, State, "Textile goods", November 24, 1962.
- Class 13. No. 116126. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills "Vasant Vijay", 470/471, Worli Road, Bombay-18, "Textile goods", November 24, 1962.
- Class 13. No. 116127. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", November 24, 1962.
- Class 13. Nos. 116324 to 116329 and 116331 to 116341. The Shree Niwas Cotton Mills Ltd., an Indian Firm, De Lisle Road, Bombay 13, "Cotton piecegoods", December 15, 1962.
- Class 13. No. 116435. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", December 26, 1962.
- Class 13. Nos. 116442 to 116458. The Phoenix Mills Limited, an Indian Company, State Bank Building, Bank Street, Fort, Bombay, "Textile goods" December 27, 1962.
- Class 14. No. 115249. Crown Spg. & Mfg. Co. Ltd., Gokhale, Road, (South), Parel, Bombay 13, Nationality-Indian, "Textile goods", September 10, 1962.
- Class 14. Nos. 115919 and 115920. The Tata Mills Ltd., an Indian Company, Bombay House, Bruce Street, Fort, Bombay, Maharashtra, "Textile goods" November 8, 1962.
- Class 14. No. 116094. The Phoenix Mills Limited, an Indian Company, State Bank Building, Bank Street, Fort, Bombay, Maharashtra State, "Textile goods", November 24, 1962.

**Copyright extended for a Second Period of Five Years**

Design No. 115344, Class 5.

Design Nos. 93981 to 93983, Class 13.

Design Nos. 94087 to 94090, Class 13.

Design No. 94262, Class 13.

Design No. 96235, Class 13.

**Copyright extended for a Third Period of Five Years**

Design No. 75448, Class 3.

Design No. 75449, Class 3.

Design No. 75525, Class 4.

Design No. 75526, Class 4.

Design No. 115344, Class 5.

**Registration of Assignments, Licences, etc. (Design)**

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration:

74434—Emoleum (Australia) Limited.

S. VENKATESWARAN  
Controller General of Patents, Designs  
and Trade Marks